

Weekly report

1 Done

1.1 Vast Modification

I apologize for what happened to our second-round submission. I will inform all participants when I face such a thing. I will take submission and revision more seriously. Moreover, I have to improve my abilities in communication and writing.

1.2 T-ITS Modification

The paper is modified as the comments from reviewers and submitted to T-ITS again.

1.3 Courseware revision

- Add discussion on the scale of the topic.
- Introduce a way to find latest topics.

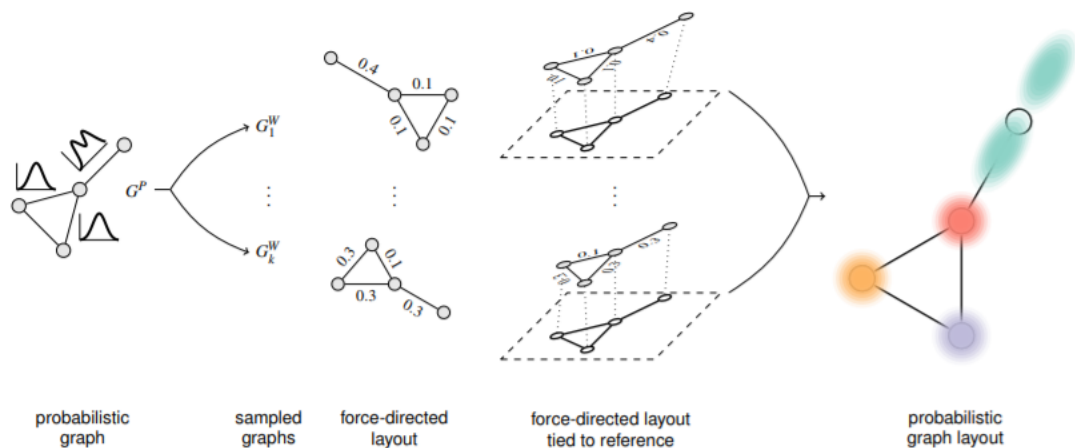
1.4 Routine summarization

We have collected some paper. For each paper, we extracted abstracts by subsections.

1.5 Reading

- Probabilistic Graph Layout for Uncertain Network Visualization
The approach mentioned in this paper shows the uncertainty of graphs. When we explain the results of differential privacy, such visualization may work.

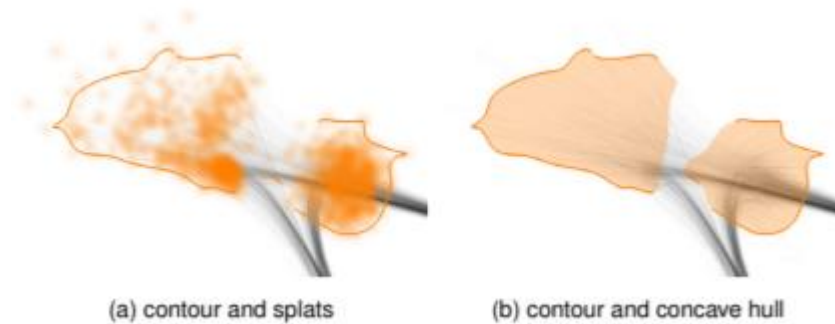
Uncertainty leads to probabilistic graphs, which can be described as sample graphs.



The nodes of sample graphs are visualized through the following steps:

1. Cluster each set of node positions.

2. Optional: Filter clusters.
3. Compute a smooth concave hull of each cluster.
4. Compute a hull contour with visibility based on cluster-to-cluster geometry, inspired by *cel* shading.



- 《机器学习》(book)

I learnt about:

- Hold-out/cross validation
- Linear regression/logistic regression
- Linear discriminant analysis

1.6 Preparing for going abroad

2 Progress

Item	Deadline	Current progress	Remark
T-ITS modification	9.15	Done.	
Courseware revision	9.1	Sent the current version by email.	
Go abroad	11.18	Handling ds-2019	
Privacy program	10.31	Surveying.	I will focus on it next week.